

Converting Colors

XYZ(27.6185, 30.2921, 38.5294)

Have a look what the booklet for
XYZ(27.6185, 30.2921, 38.5294)
contains.

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Color

**XYZ(27.7443, 30.4594,
38.5994)**

Conversions

Conversions Part 1

Format	Color
Hex	8699A2
RGB	134, 153, 162
RGB Percent	53%, 60%, 64%
CMY	0.4745, 0.4000, 0.3647
CMYK	0.17, 0.06, 0.00, 0.36
HSL	199°, 13%, 58%
HSV	199°, 17%, 64%
XYZ	27.7443, 30.4594, 38.5994
YIQ	148.3450, -14.2130, -1.2290

Conversions

Conversions Part 2

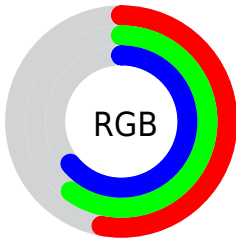
Format	Color
RYB	134, 145, 162
Decimal	8821154
CIELab	62.05, -4.74, -6.98
CIELCh	62, 8.438, 235.828
Yxy	30.4594, 0.2866, 0.3147
Android (android.graphics.Color)	4287011234 (0xFF8699A2)
YUV	148.3450, 6.7319, -12.5806
Hunter-Lab	55.1900, -6.8497, -2.8339

Details

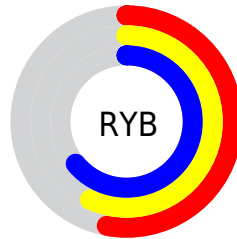
The XYZ color **27.7443, 30.4594, 38.5994** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.0260, 29.0475, 26.6317**, and the grayscale version is **28.2700, 29.7423, 32.3893**.

A 20% lighter version of the original color is **55.3307, 60.2002, 74.3492**, and **11.2220, 12.5133, 16.5757** is the 20% darker color. If you saturate the color by 10%, you get **24.5241, 27.5626, 38.2105**, and if you desaturate by 10%, it is **31.3991, 33.6370, 39.0206**.

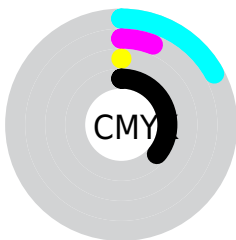
Distribution



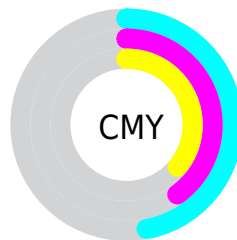
- Red (53%)
- Green (60%)
- Blue (64%)



- Red (53%)
- Yellow (57%)
- Blue (64%)



- Cyan (17%)
- Magenta (6%)
- Yellow (0%)
- Black (36%)



- Cyan (47%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7443, 30.4594, 38.5994 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 27.7443, 30.4594, 38.5994 by changing the saturation by 10% instead.

■ 27.7443, 30.4594,
38.5994

■ 27.7443, 30.4594,
38.5994

283.3453,
304.0400, 355.5593

■ 18.2725, 20.1875,
26.1428

■ 55.4874, 60.3879,
74.2395

■ 11.2467, 12.5314,
16.7038

■ 74.4895, 80.8134,
98.2601

■ 6.3015, 7.1067,
9.8638

■ 97.3989, 105.3922,
126.9725

■ 3.0717, 3.5289,
5.2043

124.5812,
134.5087, 160.7951

■ 1.1918, 1.4137,
2.3068

156.4016,
168.5474, 200.1465

■ 0.0999, 0.2268,
0.7350

193.2256,

■ 0.0000, 0.0000,

207.8925, 245.4454

0.0000

235.4183,
252.9286, 297.1101

■ 27.7443, 30.4594,
38.5994

■ 27.7443, 30.4594,
38.5994

■ 24.5241, 27.5626,
38.2105

■ 31.3991, 33.6370,
39.0206

■ 21.7173, 24.9326,
37.8508

■ 35.5030, 37.1012,
39.4730

■ 19.3050, 22.5599,
37.5199

■ 40.0731, 40.8624,
39.9581

■ 17.2658, 20.4324,
37.2168

■ 45.1250, 44.9291,
40.4768

■ 15.5759, 18.5374,
36.9401

■ 50.6734, 49.3096,
41.0298

■ 14.2085, 16.8603,
36.6884

■ 56.7322, 54.0117,
41.6181

■ 13.1328, 15.3844,
36.4602

■ 63.3150, 59.0431,
42.2423

■ 12.3001, 14.0836,
36.2531

■ 67.1987, 62.7428,
42.7517

■ 12.0913, 13.7478,
36.1992

■ 68.3829, 65.1111,
43.1464

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



27.0338, 30.4594, 35.9582



27.7443, 30.4594, 38.5994



28.7925, 30.4594, 39.7848

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



27.7443, 30.4594, 38.5994



31.1783, 30.4594, 33.6211



28.0120, 30.4594, 27.8604

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



27.7443, 30.4594, 38.5994



29.0260, 29.0475, 26.6317

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



29.1095, 30.4594, 27.3237



27.7443, 30.4594, 38.5994



30.9562, 30.4594, 30.5205

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



27.7443, 30.4594, 38.5994



30.7908, 30.4594, 36.7943



30.1917, 30.4594, 28.2664



27.1855, 30.4594, 29.7828

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



27.7443, 30.4594, 38.5994



29.5490, 30.4594, 39.5369



30.1917, 30.4594, 28.2664



28.3606, 30.4594, 27.5175

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



27.7452, 30.4607, 38.6001



58.5618, 62.3961, 71.0132



27.7002, 32.8887, 30.8224



13.0446, 13.9218, 15.9372



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.7452, 30.4607, 38.6001



47.8686, 53.0728, 69.7773



25.6056, 26.1814, 37.8869



7.0833, 7.6256, 9.0016



9.5658, 10.9110, 28.5316



0.2408, 0.3089, 0.6128

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



29.1758, 27.0321, 33.8184



51.0268, 45.7052, 59.1766



31.2383, 33.4720, 27.3691



7.2670, 7.1633, 8.3925



13.9738, 6.9456, 12.3187



0.3137, 0.1540, 0.3647

Previews

White Background



This preview shows how the XYZ color 27.7443, 30.4594, 38.5994 looks on a white background.

Color Contrast Check

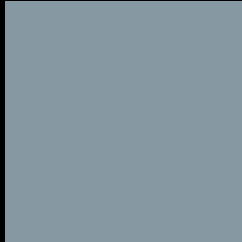
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 27.7443, 30.4594, 38.5994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

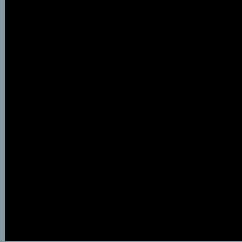
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

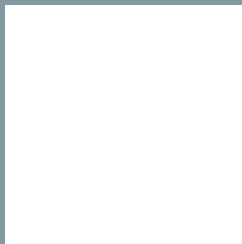
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.7443, 30.4594, 38.5994

Background



This preview shows how black text looks on a background with the XYZ color 27.7443, 30.4594, 38.5994.



This preview shows how white text looks on a background with the XYZ color 27.7443, 30.4594,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

27.7443, 30.4594, 38.5994

Protanopia

29.5831, 30.4821, 37.1253

Deuteranopia

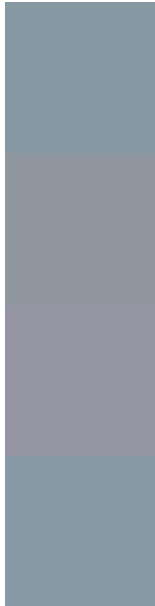
31.0803, 30.5072, 39.3723



Tritanopia

28.1744, 30.6500, 40.0284

Trichromacy



Original Color

27.7443, 30.4594, 38.5994

Protanomaly

28.7531, 30.2801, 37.5869

Deuteranomaly

29.7527, 30.5288, 38.9748

Tritanomaly

28.0837, 30.6137, 39.5508

Monochromacy



Original Color

27.7443, 30.4594, 38.5994

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.9838, 29.9522, 34.4434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7443, 30.4594, 38.5994 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(134, 153, 162)` looks like.

```
.text, #text, p{  
    color:rgb(134, 153, 162)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(134, 153, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 153, 162) }
```

Border

The CSS property to change the border of an element to XYZ 27.7443, 30.4594, 38.5994 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(134, 153, 162) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(134, 153, 162) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(134, 153, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 153, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 153, 162);  
box-shadow:4px 4px 4px 4px rgb(134, 153,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7443, 30.4594, 38.5994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 153, 162) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(134,  
153, 162) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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